

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
8 December 2005 (08.12.2005)

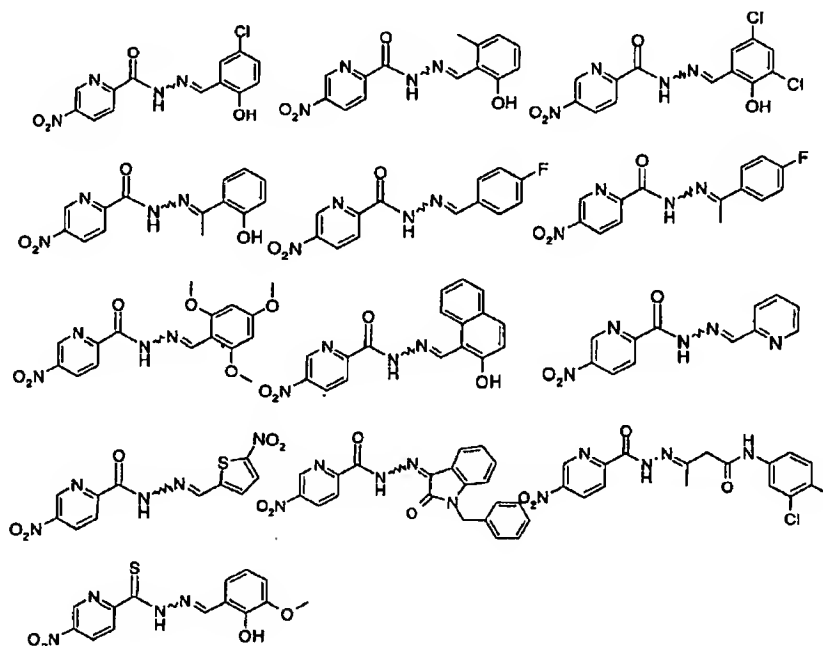
PCT

(10) International Publication Number
WO 2005/115992 A1

- (51) International Patent Classification⁷: C07D 237/02 (74) Agent: CASSON, Lawrence, P.; Kenyon & Kenyon, 1 Broadway, New York, NY 10004 (US).
- (21) International Application Number: PCT/US2005/018412 (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (22) International Filing Date: 23 May 2005 (23.05.2005)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/573,962 23 May 2004 (23.05.2004) US
60/633,013 3 December 2004 (03.12.2004) US
- (71) Applicant (for all designated States except US): HOUSEY PHARMACEUTICALS, INC. [US/US]; 16800 West Twelve Mile Road, Suite 201, Southfield, MI 48076 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): HOUSEY, Gerard, M. [US/US]; 28520 Streamwood Lane, Southfield, MI 48034 (US).
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report

[Continued on next page]

(54) Title: THERAMUTEIN MODULATORS



(57) Abstract: This invention relates to agents that are inhibitors or activators of variant forms of endogenous proteins and novel methods of identifying such variants. Of particular interest are inhibitors and activators of endogenous protein variants, encoded by genes which have mutated, which variants often arise or are at least first identified as having arisen following exposure to a chemical agent which is known to be an inhibitor or activator of the corresponding unmutated endogenous protein.

WO 2005/115992 A1



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.